IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of making a heat sink, the method comprising:

obtaining a quantity of thermally conductive metal; and

forming from the quantity a plurality of fins extending outwardly from a core in an asymmetric pattern, the core having a central axis, each fin having a base coupled to the core substantially parallel to the central axis, each fin further having a tip, wherein the heat sink has first and second faces that each has ~~a face has~~ a periphery defined by the fin tips, ~~wherein the face is to face a heat-generating electrical component, and~~ wherein each of the first and second faces ~~face~~ comprises inter-fin openings, and wherein the fins are formed curved.

2-7. (Canceled)

8. (Original) The method recited in claim 1, wherein forming comprises extruding the quantity of thermally conductive metal through an extrusion die.

9. (Original) The method recited in claim 1, wherein the thermally conductive metal comprises aluminum, and wherein the fins have an aspect ratio in the range of 10:1 to 12:1 or in the range of 14:1 to 16:1.

10. (Original) The method recited in claim 1, wherein the thermally conductive metal comprises aluminum, and wherein the radius at the base of the fins is in the range of 1.0 to 1.2 millimeters.

11. (Original) The method recited in claim 1, wherein forming comprises making a central cavity within the core.

12. (Original) The method recited in claim 11, wherein forming comprises extruding the quantity of thermally conductive metal through an extrusion die.

13. (Original) The method recited in claim 12 and further comprising:

inserting a thermal plug into the cavity.

14. (Original) The method recited in claim 13, wherein the thermal plug comprises copper.

15. (Currently Amended) A method comprising:

forming from thermally conductive metal a plurality of fins extending outwardly from a core in an asymmetric pattern, the core having a central axis, each fin having a base coupled to the core substantially parallel to the central axis, each fin further having a tip, wherein a face has a periphery defined by the fin tips, wherein the face is to face a heat-generating electrical component, [[and]] wherein the face comprises inter-fin openings, and wherein the fins are formed curved; and

bending a portion of each fin in substantially the same relative direction.

16. (Canceled)

17. (Currently Amended) The method recited in claim 15 [[16]], wherein before bending the method comprises:

separating the portion of each fin from the core.

18. (Original) The method recited in claim 17, wherein separating comprises:

forming a cavity or channel in the core a predetermined distance along the central axis.

19-21. (Canceled)

22. (Currently Amended) A method of making a heat sink comprising:

forming a core having a central axis and a surface to thermally contact a heat-generating component; [[and]]

forming from thermally conductive metal a plurality of fins extending outwardly from the core, each fin having a base and a tip, wherein the bases are coupled to the core substantially parallel to the central axis, wherein the tips define the periphery of a face to face the component, [[and]] wherein the face comprises inter-fin openings, and wherein the fins are formed straight;

separating a portion of each fin from the core; and

bending the portion of each fin in substantially the same relative direction.

23-27. (Canceled)

28. (Currently Amended) The method recited in claim 22 [[27]], wherein separating comprises:

forming a cavity or channel in the core a predetermined distance along the central axis.

29. (New) A method of making a heat sink, the method comprising:

obtaining a quantity of thermally conductive metal;

forming from the quantity a plurality of fins extending outwardly from a core in an asymmetric pattern, the core having a central axis, each fin having a base coupled to the core substantially parallel to the central axis, each fin further having a tip, wherein a face has a periphery defined by the fin tips, wherein the face is to face a heat-generating electrical component, wherein the face comprises inter-fin openings, and wherein the fins are formed straight;

separating a portion of each fin from the core; and

bending the portion of each fin in substantially the same relative direction.

30. (New) The method recited in claim 29, wherein separating comprises:

forming a cavity or channel in the core a predetermined distance along the central axis.

31. (New) The method recited in claim 29, wherein forming comprises extruding the quantity of thermally conductive metal through an extrusion die.

32. (New) The method recited in claim 29, wherein the thermally conductive metal comprises aluminum, and wherein the fins have an aspect ratio in the range of 10:1 to 12:1 or in the range of 14:1 to 16:1.

33. (New) The method recited in claim 29, wherein the thermally conductive metal comprises aluminum, and wherein the radius at the base of the fins is in the range of 1.0 to 1.2 millimeters.

34. (New) The method recited in claim 29, wherein forming comprises making a central cavity within the core.

35. (New) The method recited in claim 34 and further comprising:

inserting a thermal plug into the cavity.

36. (New) The method recited in claim 35, wherein the thermal plug comprises copper.

37. (New) A method of making a heat sink, the method comprising:

obtaining a quantity of thermally conductive metal;

forming from the quantity a plurality of fins extending outwardly from a core in an asymmetric pattern, the core having a central axis, each fin having a base coupled to the core substantially parallel to the central axis, each fin further having a tip, wherein a face has a periphery defined by the fin tips, wherein the face is to face a heat-generating electrical component, wherein the face comprises inter-fin openings, and wherein the fins are formed curved; and

bending a portion of each fin in substantially the same relative direction.

38. (New) The method recited in claim 37, wherein before bending the method comprises:

separating the portion of each fin from the core.

39. (New) The method recited in claim 37, wherein separating comprises:

forming a cavity or channel in the core a predetermined distance along the central axis.

40. (New) The method recited in claim 37, wherein forming comprises extruding the quantity of thermally conductive metal through an extrusion die.

41. (New) The method recited in claim 37, wherein the thermally conductive metal comprises aluminum, and wherein the fins have an aspect ratio in the range of 10:1 to 12:1 or in the range of 14:1 to 16:1.

42. (New) The method recited in claim 37, wherein the thermally conductive metal comprises aluminum, and wherein the radius at the base of the fins is in the range of 1.0 to 1.2 millimeters.

43. (New) The method recited in claim 37, wherein forming comprises making a central cavity within the core.

44. (New) The method recited in claim 43 and further comprising:
inserting a thermal plug into the cavity.

45. (New) The method recited in claim 44, wherein the thermal plug comprises copper.